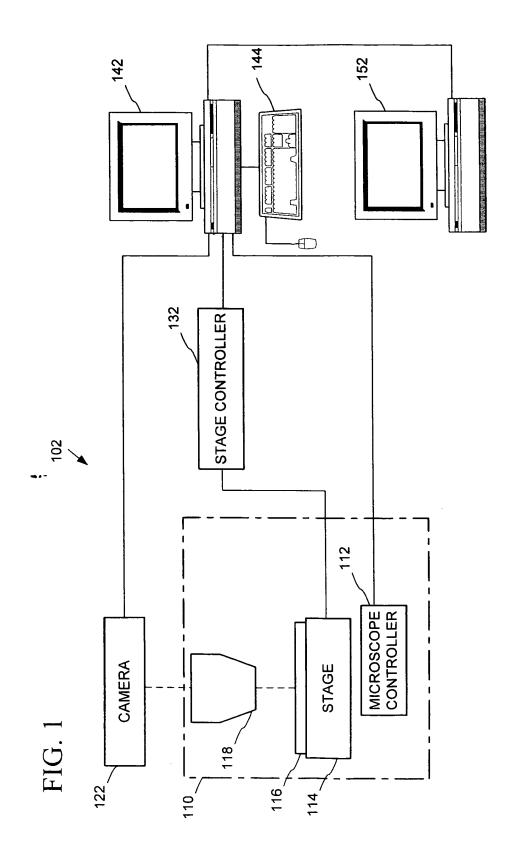
Gregory L. Maurer, Klarquist Sparkman, LLP, 121 S.W. Salmon eet, Suite 1600, Portland, Oregon 97204, (503) 226-7391, Inventor: Gagnon et al., Title: AUTOMATED MICROSCOPIC IMAGE ACQUISITION, COMPOSITING, AND DISPLAY, Attorney Docket No.: 6395-61264, Express Mail Label No. EL874429615US, Date of Deposit: November 13, 2001, Page 1 of 17



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FIG. 2A

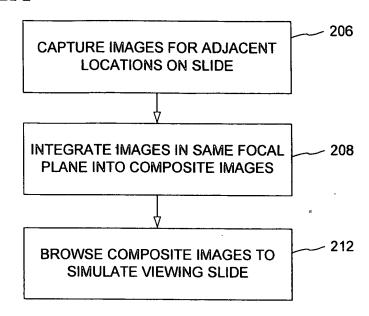


FIG. 2B

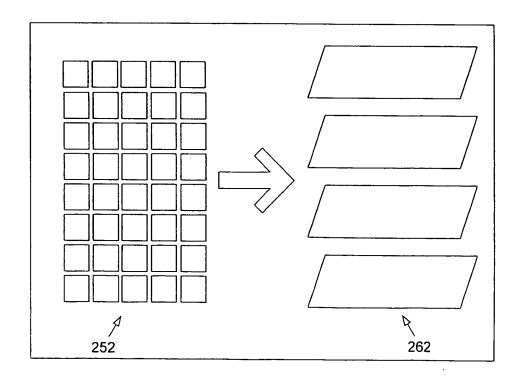
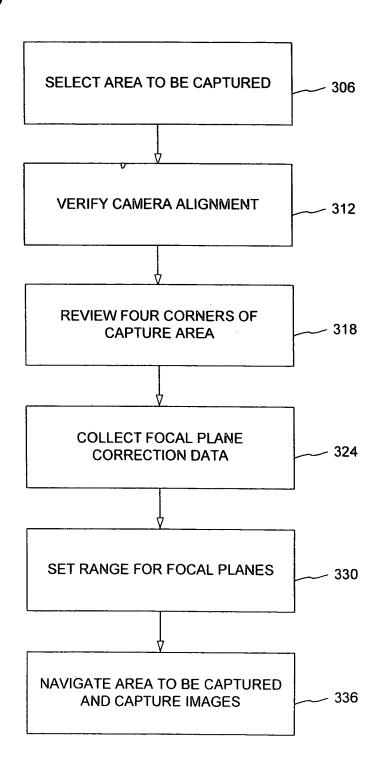
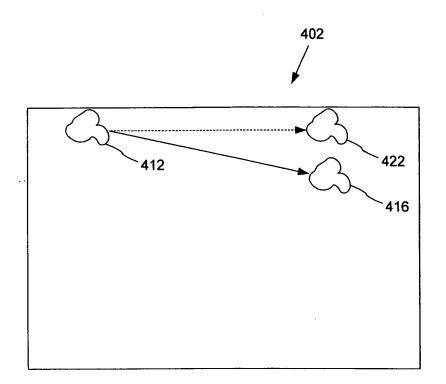


FIG. 3



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FIG. 4



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FIG. 5A

502

512

558

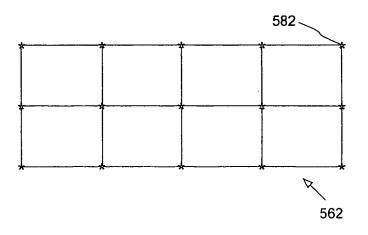
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532

544

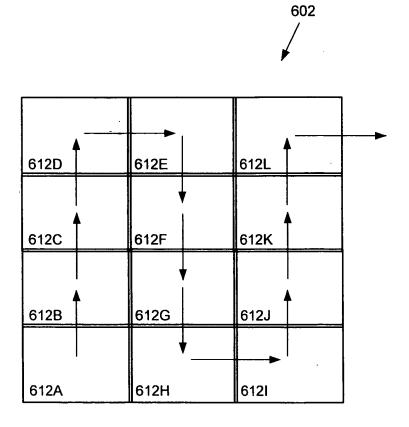
556

FIG. 5B



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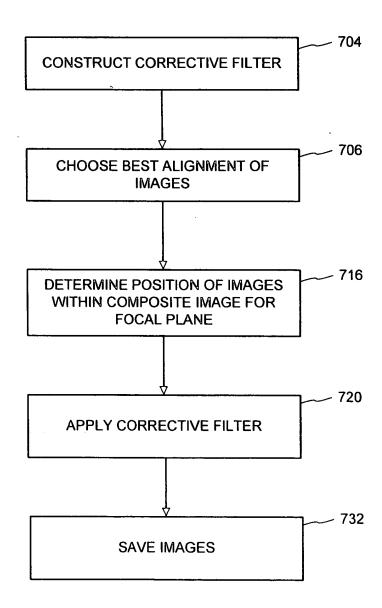
FIG. 6



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FIG. 7





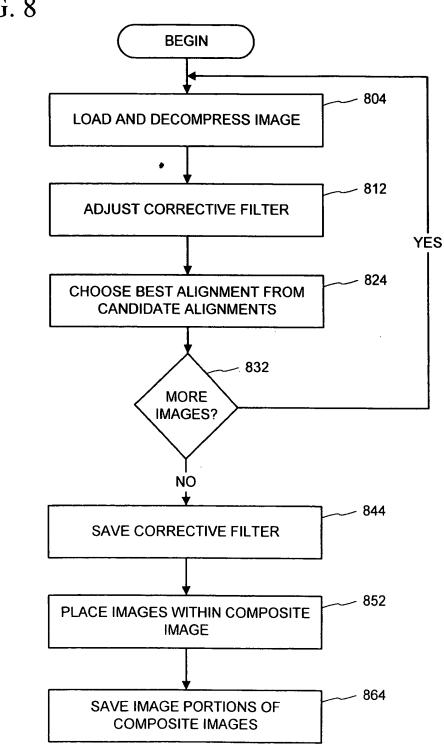
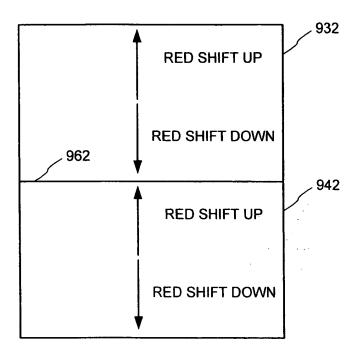


FIG. 9



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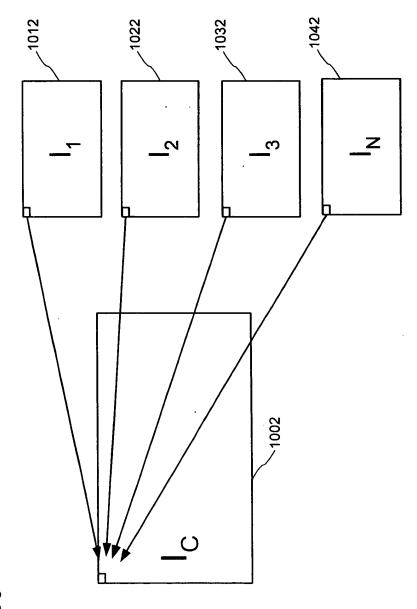
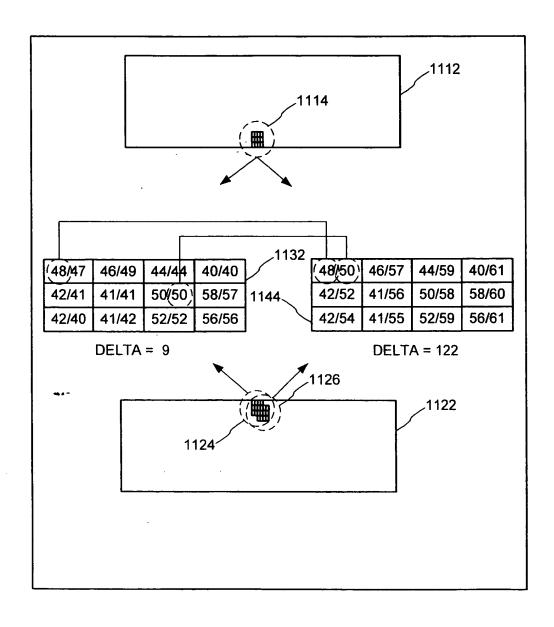


FIG. 10

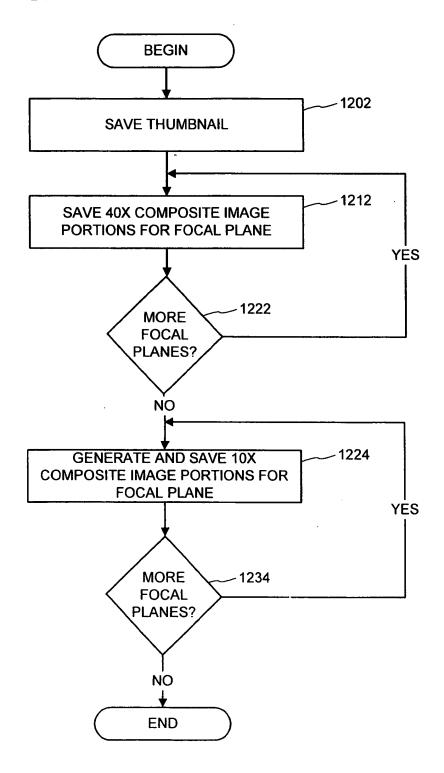
Gregory L. Maurer, Est Klarquist Sparkman, LLP, 121 S.W. Salmon Stat, Suite 1600, Portland, Oregon 97204, (503) 26-7391, Inventor: Gagnon et al., Title: AUTOMATED MICROSCOPIC IMAGE ACQUISITION, COMPOSITING, AND DISPLAY, Attorney Docket No.: 6395-61264, Express Mail Label No. EL874429615US, Date of Deposit: November 13, 2001, Page 11 of 17

## FIG. 11



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FIG. 12



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## FIG. 13

1304

HEADER THUMBNAIL HEADER 40X IMAGE F1 HEADER 40X IMAGE F1

HEADER 40X IMAGE F2

HEADER 10X IMAGE F1 HEADER 10X IMAGE F1

HEADER
10X IMAGE F2

HEADER 10X IMAGE F5 (EOF) Gregory L. Maurer, Esp. Klarquist Sparkman, LLP, 121 S.W. Salmon Street, Suite 1600, Portland, Oregon 97204, (503) 7391, Inventor: Gagnon et al., Title: AUTOK TED MICROSCOPIC IMAGE ACQUISITION, COMPOSITING, AND DISPLAY, Attorney Docket No.: 6395-61264, Express Mail Label No. EL874429615US, Date of Deposit: November 13, 2001, Page 14 of 17

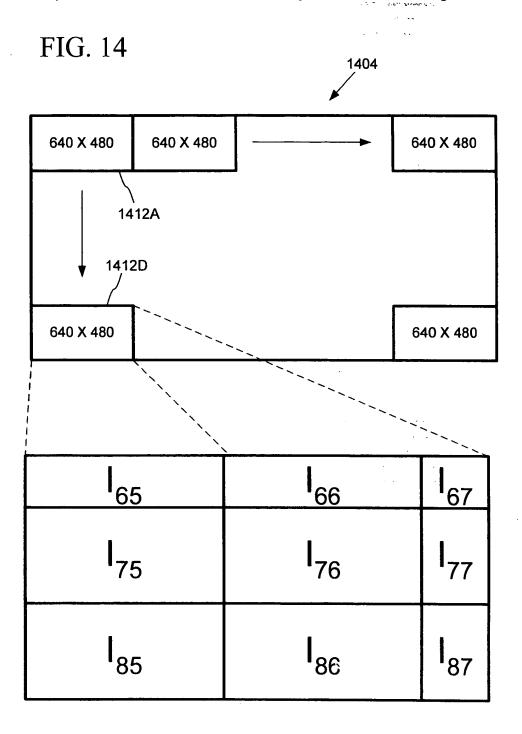
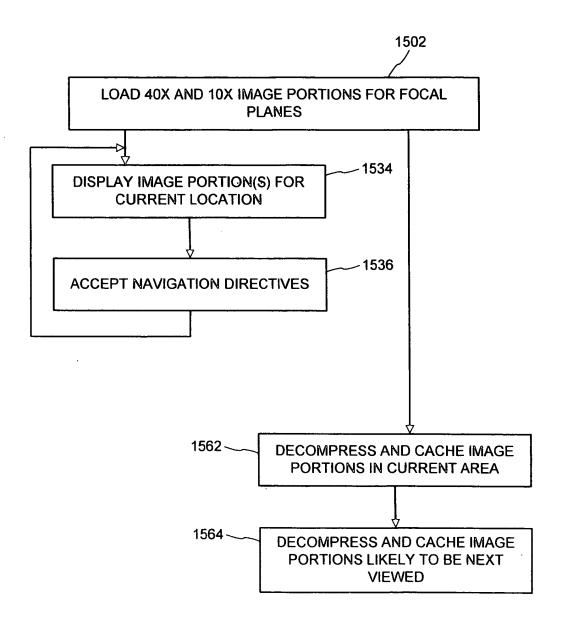
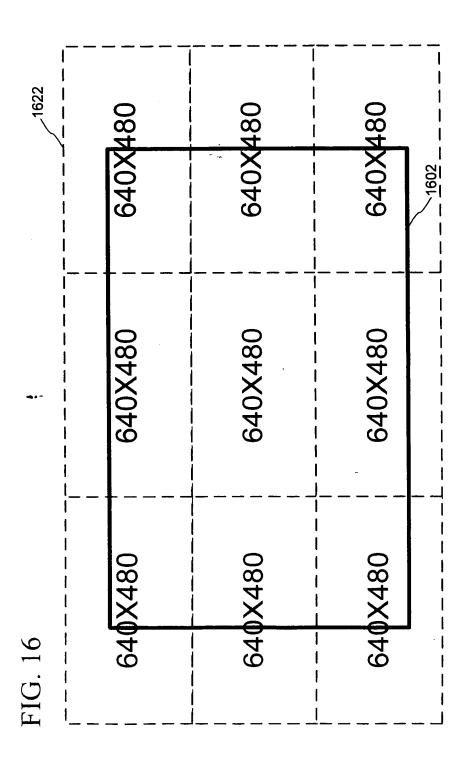


FIG. 15





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FIG. 17

